

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2013 Levee Inspection Results

Reclamation District No. 2060 Hastings

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 2060 Hastings

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Left	6.94
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/28/2013 - 03/28/2013			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract			
	Gilbert Cosio MBK Engineers			
	Henry N. Kuechler RD 2060			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough				Left	6.94	03/28/2013 03/28/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1				Emergency Supplies & Equipment	WS	A		°	°	10
						Ma		°	°	
DWR ID: DWR_RD2060_01_s_2012_10										
2				Operations & Maintenance Manuals	WS	M		°	°	11
						Ma		°	°	
DWR ID: DWR_RD2060_01_s_2012_11										
3				Flood Preparedness & Training	WS	A		°	°	12
						Ma		°	°	
DWR ID: DWR_RD2060_01_s_2012_12										
4	0.00	0.00		Vegetation	WS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.247325 ° -121.696303 °	38.247322 ° -121.696303 °	2 Y
						Ma				
DWR ID: DWR_RD2060_01_s_2013_2										
5	0.00	0.00		Vegetation	WS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	°	°	8
						Ma		°	°	
DWR ID: DWR_RD2060_01_s_2013_8										
6	0.00	0.00		Vegetation	LS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.247325 ° -121.696303 °	38.247325 ° -121.696303 °	15 Y
						Ma				
DWR ID: DWR_RD2060_01_s_2013_15										
7	0.56	0.57		Erosion / Bank Caving	WS	M	E1 : Note and monitor erosion site. Inspector Comments: District has placed some more rock in this area, they will place more later. 3-08-2011 viewed the erosion site, this site is still active. District say that they will make repairs end of April or May 2011.	38.248630 ° -121.706403 °	38.248617 ° -121.706667 °	14
						Ma				
DWR ID: DWR_RD2060_01_s_2012_14										
8	1.86	1.86	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011 - Multiple erosion pockets. Deep cracks throughout site could lead to further bank failure. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: LDS_1-9_L]	38.257517 ° -121.724823 °	38.256535 ° -121.724753 °	4
						Ma				
DWR ID: DWR_RD2060_01_s_2013_4										
9	1.86	1.87		Erosion / Bank Caving	WS	M	E1 : Note and monitor erosion site.	38.256742 ° -121.724575 °	38.256766 ° -121.724552 °	7
						Ma				
DWR ID: DWR_RD2060_01_s_2013_7										
10	1.90	1.90		Erosion / Bank Caving	WS	M	E1 : Note and monitor erosion site. Inspector Comments: District has plans to bring material to be placed at site along with more rock, stated during the inspection 3-28-2013.	38.256664 ° -121.721535 °	38.256664 ° -121.721535 °	9 Y
						Ma				
DWR ID: DWR_RD2060_01_s_2013_9										
11	1.91	1.91		Erosion / Bank Caving	WS	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: It appears that this site is also active. Spring inspection 2013.	38.256664 ° -121.724536 °	38.256664 ° -121.724536 °	13 Y
						Ma				
DWR ID: DWR_RD2060_01_s_2013_13										

* Location		** Rating		+ Issue Type	
LS : Land Side		A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough				Left	6.94	03/28/2013 03/28/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
12	1.92	1.92		Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site. Inspector Comments: At this location the material is soft and this site is much like the one at L/M 1.90 AND L/M 1.91. District is aware of the sites and repairs are being planned.	38.256766 ° -121.724552 °	38.256766 ° -121.724552 °	16 Y
DWR ID: DWR_RD2060_01_s_2013_16										
13	2.40	2.40		Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.259254 ° -121.727257 °	38.259254 ° -121.727257 °	17
DWR ID: DWR_RD2060_01_s_2013_17										
14	2.44	2.44	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011 - Two erosion pockets from rotational failures. Very soft soil. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: LDS_2-4_L]	38.257319 ° -121.732423 °	38.257224 ° -121.731953 °	5
DWR ID: DWR_RD2060_01_s_2013_5										
15	2.49	2.50		Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	38.257407 ° -121.732002 °	38.257407 ° -121.732002 °	18
DWR ID: DWR_RD2060_01_s_2013_18										
16	5.07	5.07		Repair Gates	CR	M Ma		38.263157 ° -121.771543 °	38.263157 ° -121.771543 °	6
DWR ID: DWR_RD2060_01_s_2012_6										
17	5.33	5.36		Cracking	WS	M Ob	CR1 : Monitor and have inspected by geotechnical engineer.	38.263314 ° -121.771793 °	38.262140 ° -121.771983 °	3
DWR ID: DWR_RD2060_01_f_2012_3										
18	5.52	5.63		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.262385 ° -121.777675 °	38.263222 ° -121.779615 °	1
DWR ID: DWR_RD2060_01_f_2012_1										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.94	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	
Item	Vegetation
RD 2060 Looking downstream from levee mile 0.00. Photo taken 3-28-2013.	
phillips_s_20130403_361.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	
Item	Vegetation
RD 2060 Looking downstream from the landside slope from levee mile 0.00. Photo taken 3-28-2013.	
phillips_s_20130403_362.JPG	



Levee Mile Report Line	10
Start Levee Mile	1.90
End Levee Mile	1.90
Location	Water Side
Category	
Item	Erosion / Bank Caving
RD 2060 Levee mile 1.90 erosion site (active). Photo taken 3-28-2013.	
phillips_s_20130403_358.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.94	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	10
Start Levee Mile	1.90
End Levee Mile	1.90
Location	Water Side
Category	
Item	Erosion / Bank Caving

RD 2060 Levee mile 1.90 this site is active. This shot was taken standing downstream of erosion site. Taken 3-28-2013.

phillips_s_20130403_359.JPG



Levee Mile Report Line	11
Start Levee Mile	1.91
End Levee Mile	1.91
Location	Water Side
Category	
Item	Erosion / Bank Caving

RD 2060 Unit 1 levee mile 1.91. This erosion site is active. Photo taken 3-28-2013.

phillips_s_20130403_360.JPG



Levee Mile Report Line	12
Start Levee Mile	1.92
End Levee Mile	1.92
Location	Water Side
Category	
Item	Erosion / Bank Caving

RD 2060 Erosion at levee mile 1.92 Photo taken 3-28-2013.

phillips_s_20130403_363.JPG



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 2060 Hastings

Waterway			Bank	Unit Miles
Unit No. 02 Ulatis Creek			Right	3.70
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/28/2013 - 03/28/2013			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Ulatis Creek				Right	3.70	03/28/2013 03/28/2013	Herman Phillips	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.00	0.00		Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.274841 ° -121.794855 °	38.274841 ° -121.794855 °	1 Y
DWR ID: DWR_RD2060_02_s_2013_1										
2	0.12	1.78		Encroachments	WS	M	FE : Fence Inspector Comments: This fence should be removed from shoulder of levee section.	38.276351 ° -121.795922 °	38.285819 ° -121.776942 °	2 Y
DWR ID: DWR_RD2060_02_s_2013_2										
3	1.78	2.26		Encroachments	LS	M	FE : Fence	38.285819 ° -121.776942 °	38.290494 ° -121.772717 °	3 Y
DWR ID: DWR_RD2060_02_s_2013_3										
4	2.10	2.10		Encroachments	LS	M	WL : Wall Inspector Comments: Abandoned concrete structure at this location this was once a type of pump site.	38.290085 ° -121.775486 °	38.290085 ° -121.775486 °	4 Y
DWR ID: DWR_RD2060_02_s_2013_4										
5	2.12	2.12		Encroachments	LS	M	DT : Ditch	38.290296 ° -121.775240 °	38.290296 ° -121.775240 °	5 Y
DWR ID: DWR_RD2060_02_s_2013_5										
6	2.26	2.26		Encroachments	LS	M	DT : Ditch	38.290475 ° -121.773390 °	38.290475 ° -121.773390 °	6 Y
DWR ID: DWR_RD2060_02_s_2013_6										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.70	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	
Item	Vegetation
RD 2060 Unit 2 looking downstream from levee mile 0.00 landside. Photo taken 3-28-2013.	
phillips_s_20130403_364.JPG	



Levee Mile Report Line	4
Start Levee Mile	2.10
End Levee Mile	2.10
Location	Land Side
Category	
Item	Encroachments
This old block structure not in use was placed within the levee section. Photo taken 3-28-2013.	
phillips_s_20130604_476.JPG	



Levee Mile Report Line	6
Start Levee Mile	2.26
End Levee Mile	2.26
Location	Land Side
Category	
Item	Encroachments
This ditch encroaches within the 10-foot easement. Photo taken 3-28-2013.	
phillips_s_20130604_477.JPG	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 2060 Hastings

Waterway			Bank	Unit Miles
Unit No. 03 Cache Slough			Right	5.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/28/2013 - 03/28/2013			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2013 03/28/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
1				Vegetation	LS Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	°	°	1 Y
DWR ID: DWR_RD2060_03_s_2013_1									
2	1.55	1.70	Supplemental	USACE Erosion Survey	WS Ma	Inspector Comments: Site added in 1997 and removed in 2003. 2005 - Put back in the inventory. 2006 - Stone repair at the middle of the site. 2011 - Some rock place at toe in the past year. 2012: No observed change. [2012 Site ID: CHS_23-6_R]	38.288192 ° -121.724806 °	38.286418 ° -121.723168 °	4 Y
DWR ID: DWR_RD2060_03_s_2013_4									
3	2.02	2.08	Supplemental	USACE Erosion Survey	WS Ma	Inspector Comments: 2010 - Small maintenance site. 2012: No observed change. [2012 Site ID: CHS_23-0_R]	38.284105 ° -121.718471 °	38.283302 ° -121.717814 °	5 Y
DWR ID: DWR_RD2060_03_s_2013_5									
4	2.18	2.23	Supplemental	USACE Erosion Survey	WS Ma	Inspector Comments: 2007 - Geotechnical failure of midside slope and wave wash/scalloping in toe area. Stone revetment upstream and downstream of site. Similar sites are present all along the right bank downstream of this site, most could be repaired with some maintenance. 2010 - Minor new erosion. 2012: No observed change. [2012 Site ID: CHS_22-8_R]	38.282100 ° -121.716817 °	38.281510 ° -121.716319 °	6 Y
DWR ID: DWR_RD2060_03_s_2013_6									
5	2.38	2.54	Supplemental	USACE Erosion Survey	WS Ma	Inspector Comments: 2008 - Small scour pockets and mid-slope wave wash. 2010 - More vegetation growth, could be fixed through maintenance. 2011 - Site extended downstream and new erosion. 2012: No observed change. [2012 Site ID: CHS_22-6_R]	38.280377 ° -121.714633 °	38.278306 ° -121.712722 °	8 Y
DWR ID: DWR_RD2060_03_s_2013_8									
6	2.79	3.25		Vegetation	WSA/W Ob	V8 : Environmental Requirements.	38.280919 ° -121.715756 °	38.275177 ° -121.709777 °	3
DWR ID: DWR_RD2060_03_s_2012_3									
7	3.28	3.48		Vegetation	WSA/W Ob	V8 : Environmental Requirements. Inspector Comments: There was a fire this spring that burned this revegetation site, during the 2012 inspection new growth has sprouted up. During the 2013 inspection new sprouts continue to come up.	38.270863 ° -121.706800 °	38.270324 ° -121.705904 °	12
DWR ID: DWR_RD2060_03_s_2012_12									
8	3.78	4.00	Supplemental	USACE Erosion Survey	WS Ma	Inspector Comments: 2011 - Several pockets of erosion from rotational failure and slumping toe. 2012: No observed change. [2012 Site ID: CHS_21-1_R]	38.264585 ° -121.698868 °	38.261616 ° -121.697423 °	10 Y
DWR ID: DWR_RD2060_03_s_2013_10									

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	Land Side
Category	
Item	Vegetation
Unit 3 RD 2060 looking downstream from levee mile 0.00. Photo taken 3-28-2013.	
phillips_s_20130604_478.JPG	



Levee Mile Report Line	2
Start Levee Mile	1.55
End Levee Mile	1.70
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_223.jpg	



Levee Mile Report Line	2
Start Levee Mile	1.55
End Levee Mile	1.70
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
phillips_s_20130228_224.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	2.02
End Levee Mile	2.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips_s_20130228_225.jpg



Levee Mile Report Line	3
Start Levee Mile	2.02
End Levee Mile	2.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips_s_20130228_226.jpg



Levee Mile Report Line	4
Start Levee Mile	2.18
End Levee Mile	2.23
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips_s_20130228_227.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	2.18
End Levee Mile	2.23
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips_s_20130228_228.jpg



Levee Mile Report Line	5
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips_s_20130228_229.jpg



Levee Mile Report Line	5
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips_s_20130228_230.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

phillips_s_20130228_231.jpg



Levee Mile Report Line	5
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

phillips_s_20130228_232.jpg



Levee Mile Report Line	8
Start Levee Mile	3.78
End Levee Mile	4.00
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips_s_20130228_233.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2013 03/28/2013	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	3.78
End Levee Mile	4.00
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
phillips_s_20130228_234.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---